RGB 160*xi* / 168*xi* Interface

The Extron RGB 160*xi* and 168*xi* are universal analog computer video interfaces with a video bandwidth of 300 MHz and a horizontal frequency range of 15-150 kHz. Sync processing is accomplished through Extron's ADSP™ Advanced Digital Sync Processing technology.

Front Panel

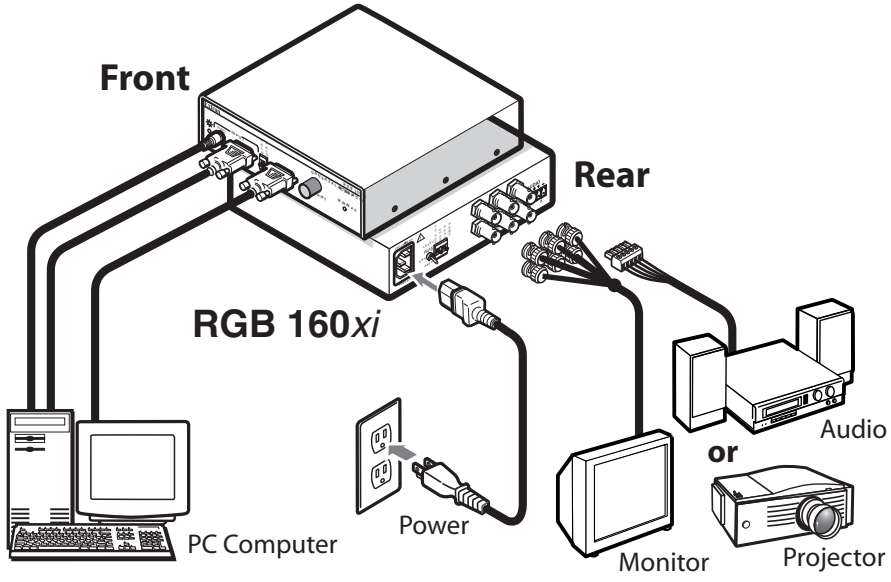
Consists of a 2-color power/signal LED (amber = power, green = power with signal), audio input, HD 15-pin female analog input, ID bit termination DIP switches, HD 15-pin female local monitor output, horizontal shift, and a min/max LED (lights at horizontal shift range limits).

Rear Panel

IEC power input (100-240 VAC), 3-position gain/peak switch, 4 DIP switches (sync on green on output, DDSP™ Digital Display Sync Processing, serration pulse, spare), 6 BNC outputs, and stereo audio output.

Cabling

The following diagram is an example of the RGB 160*xi* cable connections. The 168*xi* interface has similar cable connections (except for the optional 168*xi* adapter plate and cable clamp connections).



Easy Setup Procedure

Follow these steps and refer to the previous example diagram.

1. If desired, mount the interface to a desk or other suitable surface using Extron's optional mounting kit. The RGB 168*xi* is rack mountable.
   Note *Removal of the top cover assembly from the RGB 168xi is required when installing and wiring Architectural Adapter Plates and connectors*
2. Turn off power to the computer and display device (projector, etc.). Disconnect the power cord to the interface.
3. Connect the computer to the Analog input.
4. Connect any audio devices.
5. Connect any display devices to the interface's BNC connectors.
6. Set the interface's DIP switches (see below).
7. Power on the computer, monitor, display device, and the interface.

Operation

Use the interface's horizontal control and the level/peak switch to adjust the image.

Front Panel DIP Switch Settings

ID PIN 4 & PIN 11
- On: set both pins On if using the interface with a laptop computer that is **not** attached to a local monitor
- Off: set both pins Off if attaching a local monitor to the interface

Rear Panel DIP Switch Settings

SOG (sync on green output):
- On = output a composite sync on the green video (RGsB)
- Off = output is RGBS or RGBHV (depending on connections)

DDSP™ (Digital Display Sync Processing) *
- On = all sync processing functions are bypassed
- Off = ADSP™ sync processing is used

SERR (serration pulse)
- On = serration pulses are present on the output
- Off = serration pulses are not present on the output

* *Turning on the DDSP feature disables the horizontal shift control.*

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